



1/1.8" F2.0 C Mount

		Working distance			Optical Magnification	1/1.8" Field of View(mm)		
Focal Length		f=12mm			mm	H	V	
F/NO		F=1:2.0-C			900	0.013X	553.9	409.2
Image Size		1/1.8"(7.2×5.32mm)	1/2.5"(5.76×4.32mm)	1/3"(4.8×3.6mm)	850	0.014X	514.3	380
	Angle FOV	H	33.0°	27.2°	22.9°	800	0.015X	480
V		24.3°	20.7°	17.6°	750	0.016X	450	332.5
D		40.7°	33.3°	28.1°	700	0.017X	423.5	312.9
Object Dimension at WD.300mm	H	184.6mm	147.7mm	123.1mm	650	0.018X	400	295.6
	V	135.9mm	110.8mm	92.3mm	600	0.020X	360	266
	D	229.5mm	184.6mm	153.8mm	550	0.022X	327.3	241.8
Distortion (TV)		<0.3%			500	0.024X	300	221.7
Focus distance(min)		0.1m			450	0.026X	276.9	204.6
Flange back		17.526mm in air			400	0.030X	240	177.3
Back focus		12.5mm in air			350	0.034X	211.8	156.5
Filter screw size		M25.5×P0.5			300	0.039X	184.6	136.4
Front/Rear Effective Dia		Front ϕ 15.2mm Rear ϕ 6mm			250	0.047X	153.2	113.2
Mount		C-Mount			200	0.058X	124.1	91.7
Temperature Range		-10~+50°C			150	0.077X	93.5	69.1
Storage Temperature Range		-20~+60°C			100	0.113X	63.7	47.1

5	2	CHP	2021,08,16	TOLERANCE:		三角法	材料(环保)	单位	比例
4	1	朱周德	2017,09,14	LINEARITY TOLERANCES \pm 0.05 ANGULAR TOLERANCES ARE \pm 30' DRAFT ANGLES AREA \pm 0.5°/SIDE			---	mm	2:1
3	1	朱周德	2017,09,11	设计		名称	BTCH-FA1201C-5M		页码
2	1	朱周德	2016,06,08	校对					1/1
1	1	朱周德	2015,11,18	审核				代号	版本
标记	处数	更改文件号	担当	变更日期	批准				V5